

**MW & BC FUNDED RESEARCH PROJECTS (MSU)
1971-72**

TITLE: Development of control measures for soil-borne diseases of wheat.

INSTITUTION: Montana State University

DEPARTMENT: Plant & Soil Science/Research Centers

RESEARCHERS: Don Mathre

AMOUNT FUNDED: \$10,000.

OBJECTIVES:

To develop effective control measures for soil-borne diseases of wheat.

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TITLE: Improvement of winter and spring wheat varieties.

INSTITUTION: Montana State University

DEPARTMENT: Plant & Soil sciences/Research Centers

RESEARCHERS: G. A. Taylor, F. H. McNeal, M. A. Berg

AMOUNT FUNDED: \$22,128.

OBJECTIVES:

Continue activity in: 1) winterhardiness, 2) rust resistance, 3) short straw

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TITLE: Correlation of crop response to fertilizer additives with soil properties, soil test results, and climatic factors.

INSTITUTION: Montana State University

DEPARTMENT: Plant & Soil Sciences/Research Centers

RESEARCHERS: Jim Sims

AMOUNT FUNDED: \$16,600.

OBJECTIVES:

Continue the acquisition, at a reduced level, of N topdressing correlation data; refine the new laboratory soil test for available nitrate-nitrogen; 3 completion of computer analysis of N topdressing correlation data; improvement of current or devise new laboratory soil tests for available k, S, and P; acquisition of sufficient field correlation data to improve prediction of crops needs for K, S, P, and other fertilizer nutrients.